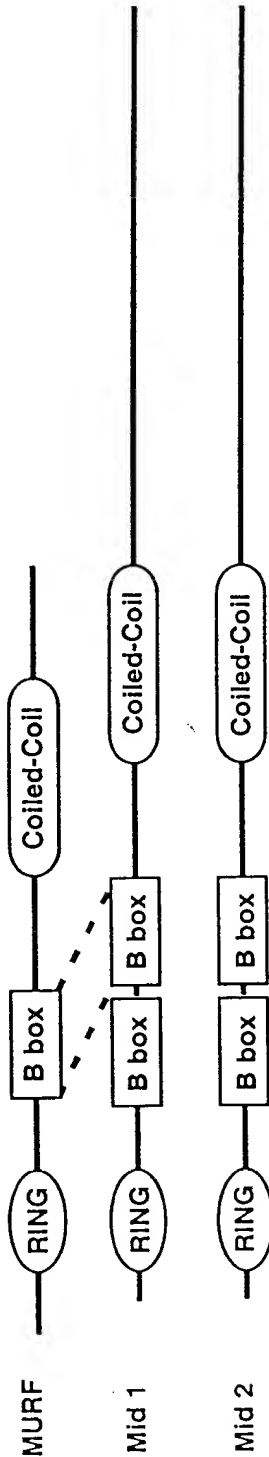


1 MNFTVGFKPLLDGDAHNDNLEKQLICPICLEMFSPVILPCQHNLCRKANDVFQASNPLWQSRGSTTVSSGGR  
 76 **FRCPSC**RHEVLDHRHGVGLQRLNLLVENIIDYKQESSRPLHAKAEQHLMCEEHEDEKINIYCLSCVPTCSLCK  
 151 **VFGAHKDC**EVAPLPTIYKRQKSELSDGIAMLVAGNDRVQAVITQMEEVCTIEDNSRRQKQLLNQRFETLCVLE  
 226 ERKGELLOALAREQEEKLQVRGLIRQYGDHLEGGSSKLVEAIQSMEEPQMALYLQQAKEYLQAKELINKVGAMSKVELAG  
 301 RPEPGYESMEQFSVVEHVAEMLRTIDFQPGAAGDEEDDDMALDGEENAGLEERLDVPEGSLH 366

B  
 1 26 81 126 158 212 253 366



MURF RING 26 **C P I C L E M F S K P V V I L P C Q H N L C R K C A N D V F Q A S N P L W Q S R** 65  
 Mid 1 RING 10 **C P I C L E L F F E D P - L L L P C A H S L C F N C A H R I L V S H C A T N E P -** 47  
 Mid 2 RING 10 **C P I C L E L F F E D P - L L L P C A H S L C F S C A H R I L V S C S S G E S -** 47

MURF RING 66 **G S T T V S S G R F R C P S C** 81  
 Mid 1 RING 48 **- - - - V E S I N A F Q C P T C** 59  
 Mid 2 RING 48 **- - - - I E P I T A F Q C P T C** 59

MURF B box 126 **C E E H E D E K I N I Y C L S C E V P T C S L C K V F G A H K D C** 158  
 Mid 1 B box 2 175 **C L E H E D E K V N M Y C V T D D Q Q L I C A L C K L V G R H R D H** 207  
 Mid 2 B box 2 175 **C L D H E N E K V N M Y C V S D D Q Q L I C A L C K L V G R H R D H** 207

FIG. 1

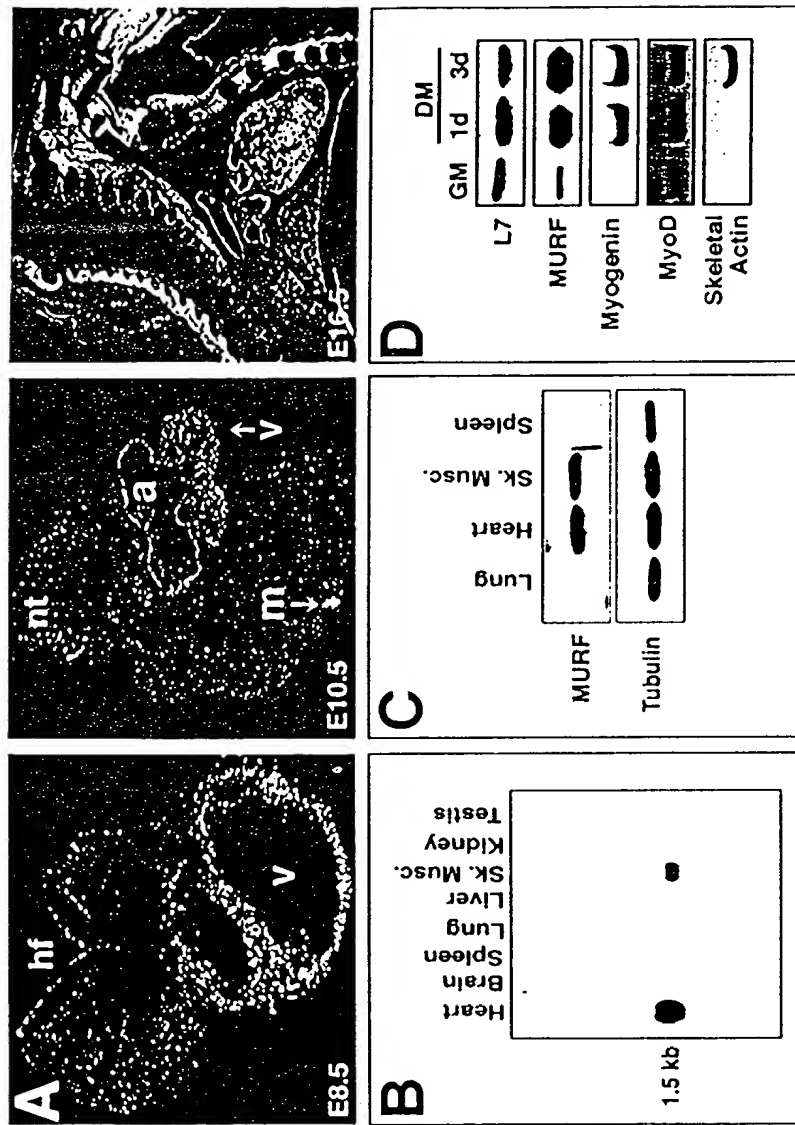


FIG. 2

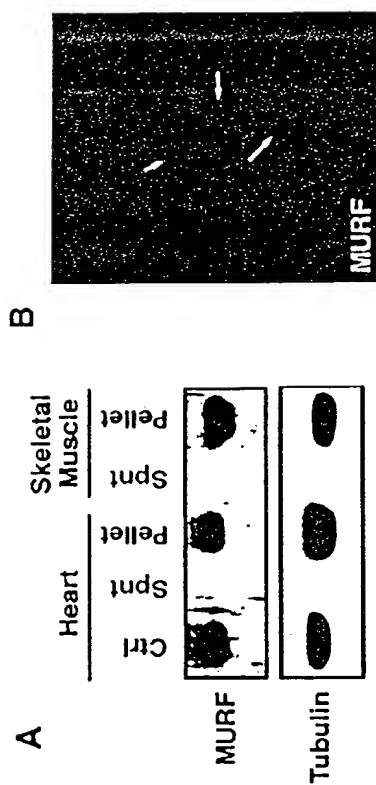


FIG. 3

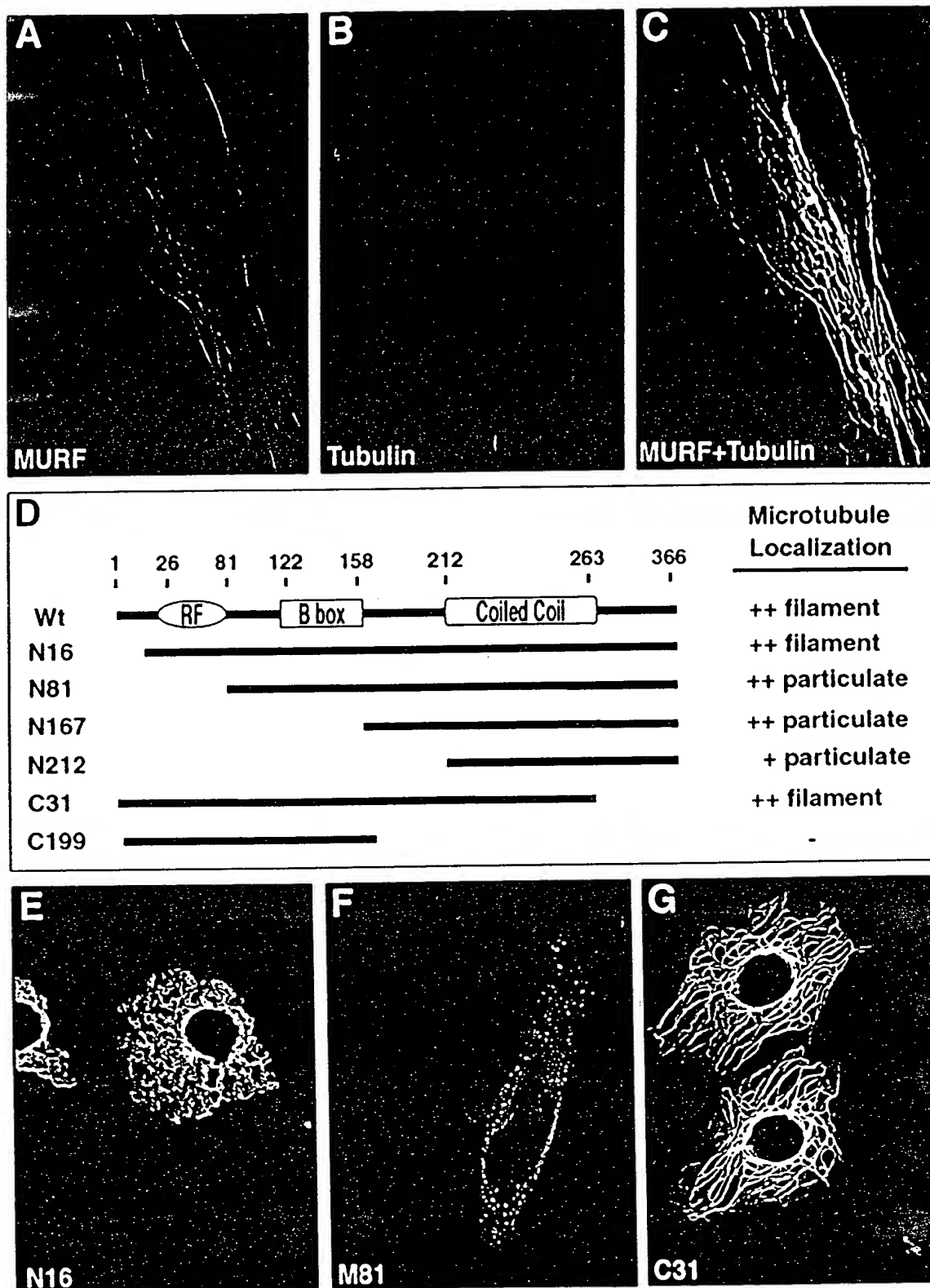


FIG. 4

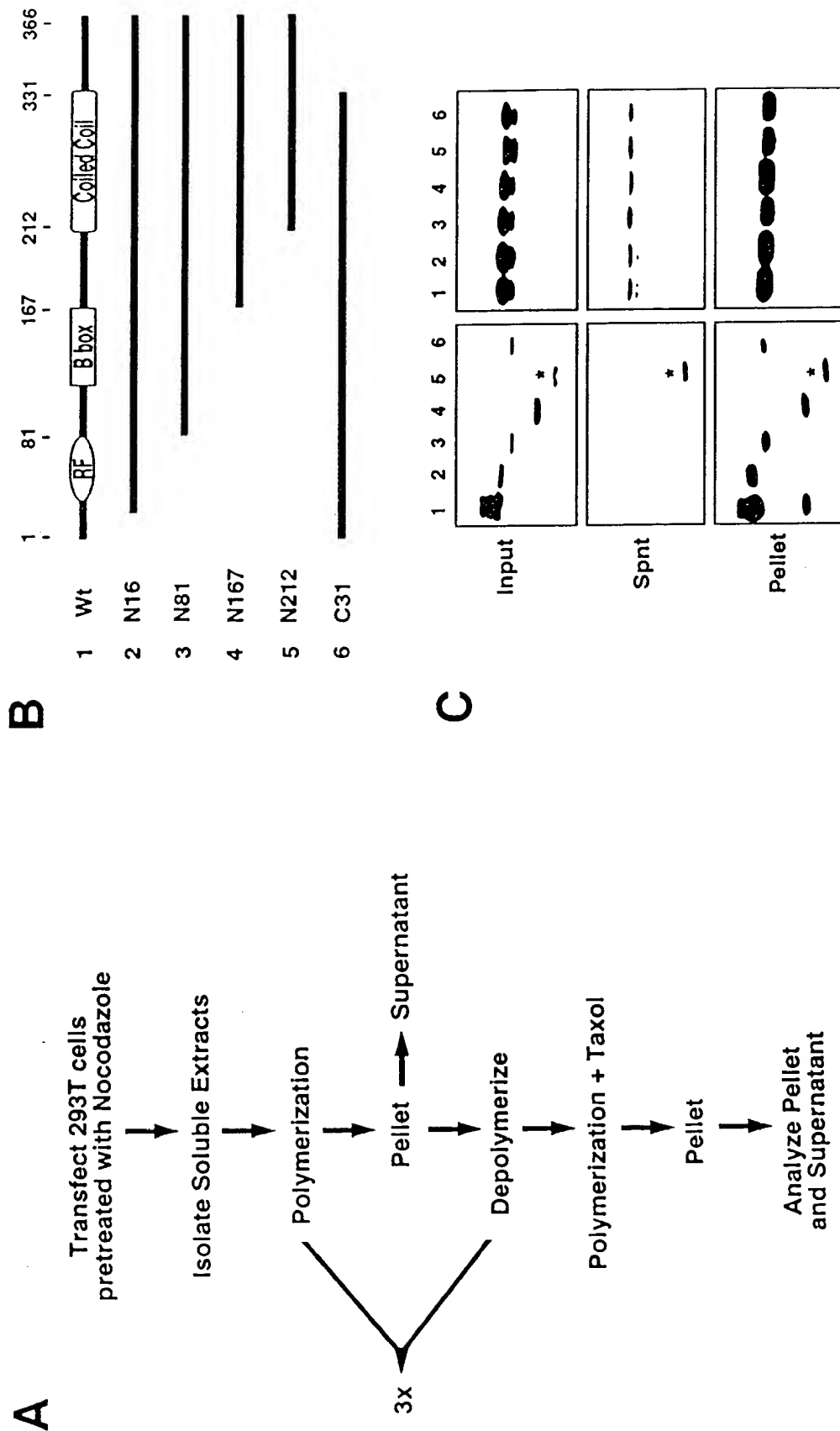


FIG. 5

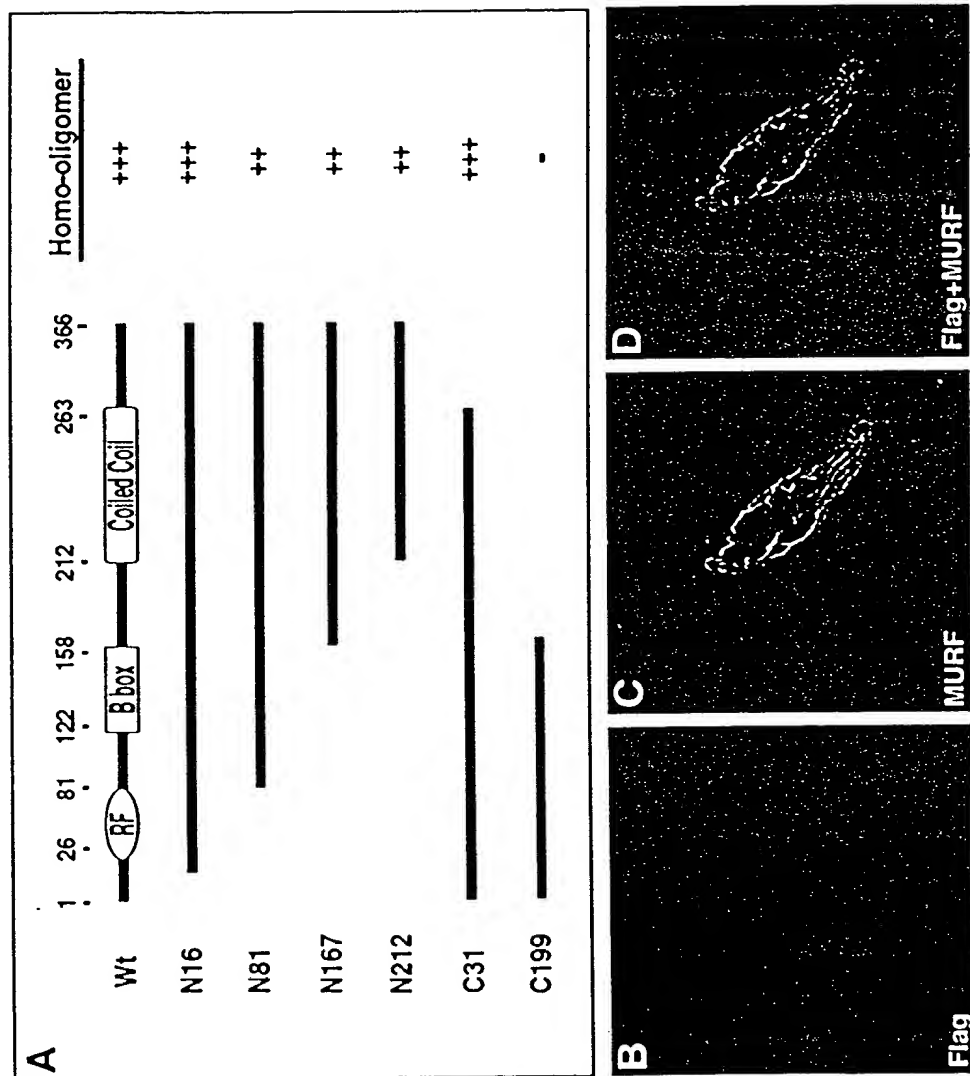


FIG. 6

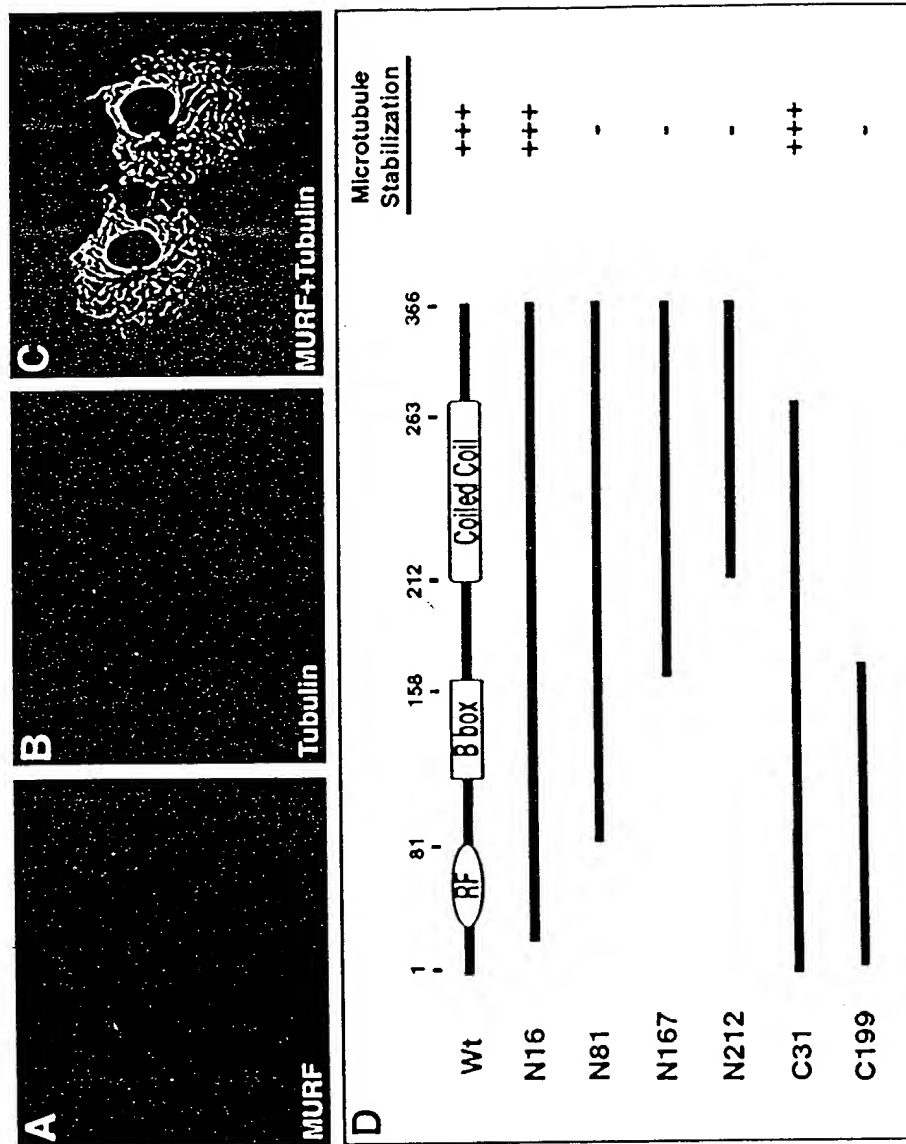


FIG. 7

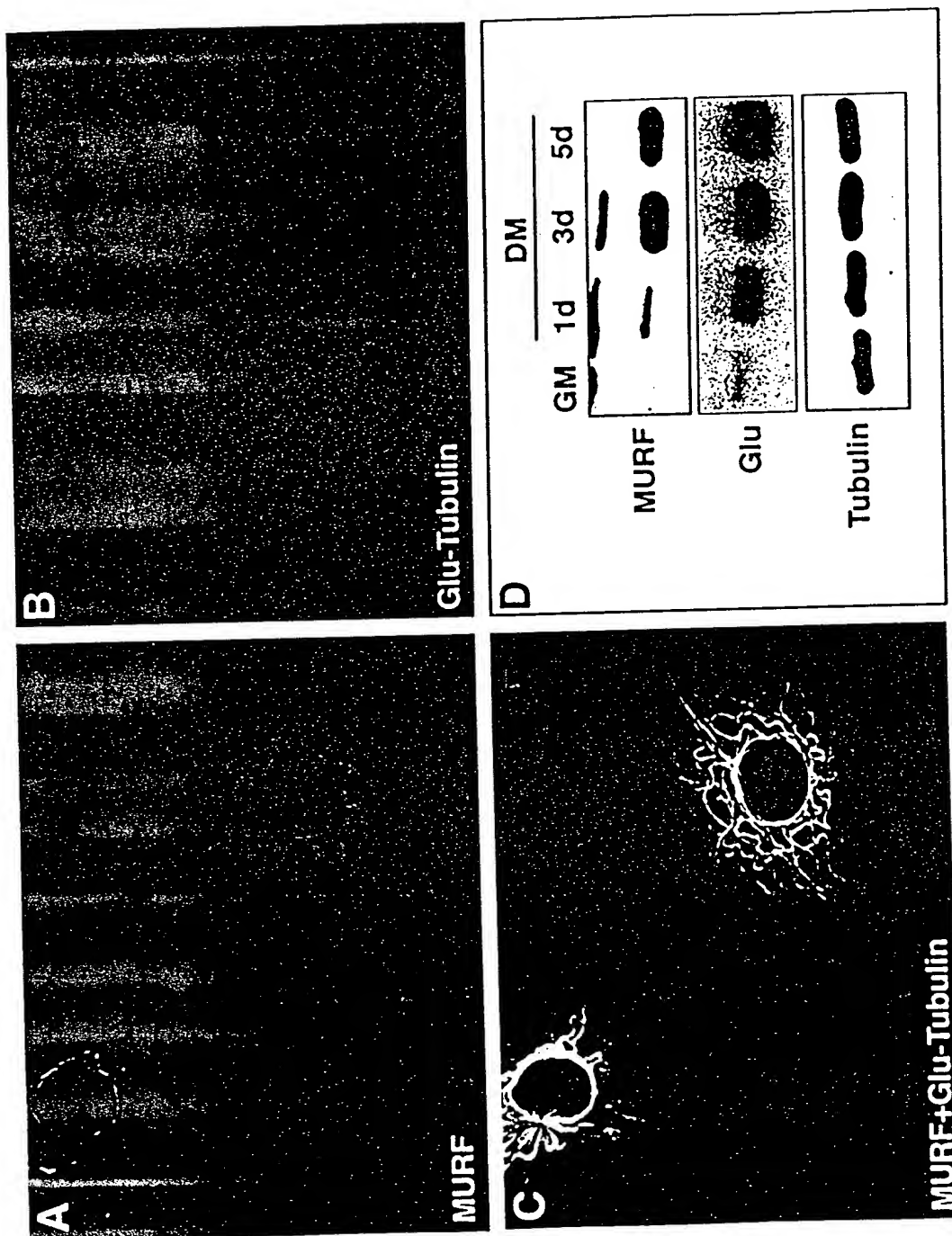


FIG. 8



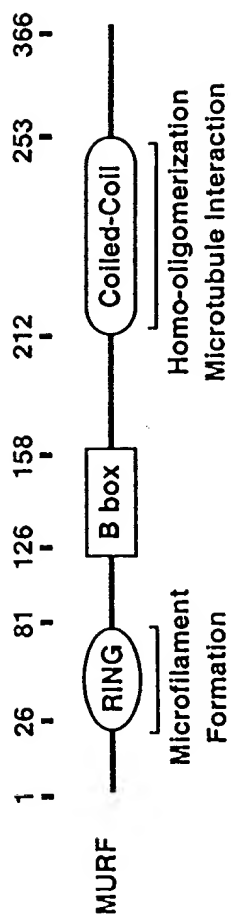


FIG. 9

MURF1 1 M N F T V G F K P L L G - D A H N M D N L E K Q L I C P I C L E M F S K P V V I L P C Q H N L C R K 49  
 MURF2 1 M S T S L N Y K S F S K - E Q Q T M D N L E K Q L I C P I C L E M F T K P V V I L P C Q H N L C R K 49  
 MURF3 1 M D Y K S S L I P D G N A M E N L E K Q L I C P I C L E M F T K P V V I L P C Q H N L C R K 46

MURF1 50 C A N D V F Q A S N P L W Q S R G S T T V S S G G R F R C P S C R H E V V L D R H G V Y G L Q R N L 99  
 MURF2 50 C A S D I F Q A S N P Y L P T R G G T T V A S G G R F R C P S C R H E V V L D R H G V Y G L Q R N L 99  
 MURF3 47 C A N D I F Q A A N P Y W T N R G G S V S M S G G R F R C P S C R H E V I M D R H G V Y G L Q R N L 96

MURF1 100 L V E N I I D I Y K Q E S - S R P L H A K A E Q H L M C E E H E D E K I N I Y C L S C E V P T C S L 148  
 MURF2 100 L V E N I I D I Y K Q E S - T R P E - - K K L D Q P M C E E H E E E R I N I Y C L N C E V P T C S L 146  
 MURF3 97 L V E N I I D I Y K Q E C S S R P L Q - - K G S H P M C K E H E D E K I N I Y C L T C E V P T C S L 144

MURF1 149 C K V F G A H K D C E V A P L P T I Y K R Q K S E L S D G I A M L V A G N D R V Q A V I T Q M E E V 198  
 MURF2 147 C K V F G A H K D C Q V A P L T H V P Q R K S E L S D G I A V L V G S N D R V Q G V I S Q L E D T 196  
 MURF3 145 C K V F G A H Q A C E V A P L Q S I F Q G Q K T E L S N C I S M L V A G N D R V Q T I I S Q L E D S 194

MURF1 199 C Q T T I E D N S R R Q K Q L L N Q R F Z T L C A V L E E R K G E L L Q A L A R E Q E E K L Q R V R G 248  
 MURF2 197 C K T T I E E C C R K Q K Q D L C E K F D H L Y G I L E E R K T R M T Q A I T R T Q E E K L E H V R T 246  
 MURF3 195 C R V T K E N S H Q V K E E L S Q K F D T L Y A I L D E K K S E L L Q R I T Q E Q E E K L G F I E A 244

MURF1 249 L I R Q Y G D H L E G S S K L V E S A I Q S M E E P Q M A L Y L Q Q A K E L I N K V G A M S K V E L 298  
 MURF2 247 L I R K Y S D H L E N V S K L V E S G I Q F M D E P E M A V F L Q N A K T L L Q K I V E A S K A F Q 296  
 MURF3 245 L I L Q Y R E Q L E K S T K L V E T A I Q S L D E P G G A T F L S S A K Q L I K S I V E A S K G C Q 294

MURF1 299 A G R P E P G Y E S M E Q F S V S V E E V A E M L R T I D F - - - - - 328  
 MURF2 297 M E K L E O G Y E I M S N F T V N L N R E E K I I R E T D F S R E E E E E D A G E I D E E G E G E 346  
 MURF3 295 L G K T E O G F E N M D Y E T L D L E H I A E A L R A I D F G - - - - - 325

MURF1 329 - - - - - Q P G A A G D E E D D D M A L D - - - - - 344  
 MURF2 347 D A V E V E E A E N V Q I A S S G E E E S L E K A A E P S Q L P A E L Q V A P E P L P A S S P E P F 396  
 MURF3 326 - - - - - T G K G - C D V T C L T F E R Q - - - - - 340

MURF1 345 - - - - - 344  
 MURF2 397 S S M P P A A D V L V T Q G E V V P I G S Q Q T T Q S E T S G P S A A E T A D P L F Y P S W Y K G Q 446  
 MURF3 341 - - - - - 340

MURF1 345 - - - - - G E E - - - - - G N A G L E E - - - - - E 355  
 MURF2 447 S R K T S S N P P C T H G S E G L G Q I G P L G I E D S S V Q S A E V A E A A T N E Q A A V S G K E 496  
 MURF3 341 - - - - - 340

MURF1 356 R - - - - - L D V P E - - - - - G S G - - - - - L H 366  
 MURF2 497 S S S T A A T S Q I G F E A P S P Q G Q S A A L G S G G G A D P E P A R H V F S F S W L N S L N E 545  
 MURF3 341 R - - - - - S S - - - - - 343

FIG. 10